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- (71) Applicant (for all designated States except US): **UNIVERSITEIT TWENTE** [NL/NL]; Drienerlolaan 5, NL-7522 NB Enschede (NL).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **GRIJPMMA, Dirk, Wybe** [NL/NL]; Ir. M. Schefferlaan 31, NL-7556 CP Hengelo (NL). **GOMES MOREIRA PÊGO, Ana, Paula** [PT/NL]; Matenweg 26-208, NL-7522 LH Enschede (NL). **FEIJEN, Jan** [NL/NL]; Oude Grensweg 96, NL-7552 GD Hengelo (NL).
- (74) Agent: **VAN SOMEREN, Petronella, Francisca, Hendrika, Maria**; Arnold & Siedsma, Sweelinckplein 1, NL-2517 GK The Hague (NL).
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(54) Title: METHOD FOR PROVIDING SHAPED BIODEGRADABLE AND ELASTOMERIC STRUCTURES OF (CO) POLYMERS OF 1,3-TRIMETHYLENE CARBONATE (TMC), SHAPED BIODEGRADABLE AND ELASTOMERIC STRUCTURES, AND THE USE OF THESE STRUCTURES

(57) Abstract: The present invention relates to methods for providing shaped biodegradable and elastomeric structures of (co)polymers of 1,3-trimethylene carbonate (TMC) with improved (mechanical) properties which can be used for tissue or tissue component support, generation or regeneration. Such shaped biodegradable elastomeric structures are obtainable by forming homopolymers and/or copolymers of 1,3-trimethylene carbonate (TMC) into a desired shape and irradiating said desired shape with actinic radiation in an inert atmosphere.